1. According to the reading, the output of a data mining exercise largely depends on the skills of the data scientist carrying out the exercise.

   1 / 1 point

   ◉ False.

   ◯ True.

   ✓ **Correct**
   Correct.

2. What should you do when data are missing in a systematic way?

   1 / 1 point

   ◯ Determine the average of the values around the missing data.

   ◯ Extrapolate the data.

   ◯ Determine who was managing the database.

   ◉ Determine the impact of missing data on the results and whether missing data can be excluded from the analysis.

   ✓ **Correct**
   Correct.

3. Prior Variable Analysis and Principal Component Analysis are both examples of a data reduction algorithm.

   1 / 1 point

   ◯ True.

   ◉ False.

4. After the data are appropriately processed, transformed, and stored, what is a good starting point for data mining?

1 / 1 point

○ Machine learning.

⦿ Data Visualization.

○ Creating a relational database.

○ Non-parametric methods.

✓ **Correct**
Correct.

5. "Formal evaluation could include testing the predictive capabilities of the models on observed data to see how effective and efficient the algorithms have been in reproducing data." This is known as:

1 / 1 point

○ Overfitting.

○ Reverse engineering.

○ Prototyping.

⦿ In-sample forecast.

✓ **Correct**
Correct.